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PART IV-A

Rules and Orders (Other than those published in Parts I, I-A, and I-L) made by the Government of Gujarat under the Central Acts

ENERGY & PETROCHEMICALS DEPARTMENT

NOTIFICATION

Sachivalaya, Gandhinagar, 3rd February, 2024

No.GE-2024-(1)-EPCD/GOVCOR/e-file/20/2023/2583/K:- Whereas Gujarat Energy Transmission Corporation Limited, Vadodara, has been declared as an State Transmission Utility (STU) vide EPD's Notification No.GHU-2004-GEB-1104-2964-K dated 29.5.2004,

- (2) And whereas in pursuance of the provisions under section 38 and 39(2) of the Electricity Act, 2003, GETCO, has been casted the responsibility of laying down such essential Transmission Network across the State for providing power to the consumers of the State, through Distribution Utilities under the State Government,
- (3) And whereas since the inception of the Electricity Act, 2003 with the previous approval accorded by Government, GETCO is to undertake some new Transmission networks including overhead lines as specified in Annexure-A attached herewith.
- (4) Now, therefore, Government is pleased to accord approval u/s 68(1) of the Electricity Act, 2003, to GETCO, an STU, for carrying out new and ongoing works as referred to, at item No.(3) above, subject to the compliance of provisions of the Electricity Act-2003, work of Licensees Rules-2006 and CEA (Measures relating to safety and Electrical Supply) Regulations, 2023, relevant provisions of the Indian Telegraph Act, 1855 as stipulated in the section 164 of the Electricity Act, 2003, the CEA (Safety requirements for construction, operation and Maintenance of Electrical Plants and Electrical Lines) Regulations, 2022 and provisions of the Works of Licensees Rules, 2006.
- (5) The approval of Government, as mentioned above, is subject to the condition that wherever necessary, GETCO would obtain necessary approvals / clearance from the concerned State Authorities including local authorities of the concerned area.

Annexure A

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltag e Class
A 220 KV Line							
1	LILO of both circuits of 220kV Sagapara - Talaja at 220kV Maglana Substation on M/C towers with AL-59 conductor with OPGW Cable	M/C	Amreli	Amreli	153.48	New	220 KV
2	Erection of 220kV LILO to Sarvala SS from 220kV D/C Ukai (Hydro) - Achhaliya line with AL-59 x (61/3.50) conductor having total route length of 88.683RKM.	D/C	Bharuch	Bharuch	177.366	New	220 KV
3	220kV LILO to proposed 220kV halol S/s from existing 220kV D/C Waghodiya(PGCIL) - Vyankatpura line no.1 with AL-59(equivalent weight of ACSR Zebra) conductor and 48F OPGW cable having route length of 30.86Rkm.	D/C	Jambuva	Jambuva	61.72	New	220 KV
4	LILO of both circuits of existing 220kV D/C Motipaneli-Sardargadh line at Proposed 220kV Dhank S/s on M/C & D/C Tower with AL-59 conductor and 48F OPGW cable, having length of 2.686 RKM.	M/C	Junagadh	Junagadh	10.744	New	220 KV
B 132 KV Line							
1	LILO of Both Circuits of 132kv D/C Sikka Jamnagar line at 132kv Kansumra on 220kv M/C towers with ACSR Zebra conductor with OPGW Cable.	D/C	JAMNAGA R	JAMNAGAR	2.554	New	132 KV
C 66 KV Line							
1	LILO of under construction 66 kV S/C Madhapar – Loriya line at prop. 220 kV Nagor SS on partly on M/C tower, partly on D/C panther tower with ACSR panther conductor and 2R x 1C x 630 sq.mm. (6+0) UG cablek.work under Kishan Suryodaya Yojana (Phase-II).	LILO	Anjar	Anjar	6.800	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
2	prop. 220 kV Nagor SS to 66 kV Bhuj-B line partly on M/C tower, partly on D/C panther tower with ACSR panther conductor and 1C x 630 sq.mm. (6+0) UG cable having total length – 13.450 km (OH- 8.450 & UG- 5.00 km) work under Kishan Suryodaya Yojana (Phase-II).	D/C	Anjar	Anjar	26.900	New	66KV
3	S/C line from 66 KV Kidiyanagar SS to 66 kV Bhimasar SS on D/C panther tower with ACSR panther conductor and 1C x 630 sq.mm. (3+1) UG cable having total length – 13.230 km (OH- 12.930 & UG- 0.300 km) work under Kishan Suryodaya Yojana (Phase-II).	S/C	Anjar	Anjar	13.230	New	66KV
4	220 KV (66 KV) Nanikhakhar S/S to 66 KV Bhujpur S/S S/C panther tower with AL-59 panther conductor line with (3+1) 1600 Sq.mm Poly Aluminum power cable (OH – 10 KM + UG cable- 12.5 KM = Total line length = 22.50 RKM) line approved under KSY Phase-II	S/C	Anjar	Anjar	22.500	New	66KV
5	Proposed 66kV S/C line from existing 66 kV Chitrod to proposed 66 kV Gagodar SS	S/C	Anjar	Anjar	21.716	New	66KV
6	LILO line with ACSR Panther conductor from Existing 66 KV D/C Chapredi –Nadapa line on D/C Panther Tower with ACSR Panther Conductor to Prop. 66 KV Habay S/S.	D/C	Anjar	Anjar	11.000	New	66KV
7	LILO line with ACSR Panther conductor from Existing 66 KV D/C Dayapar –Panndhro line on D/C Panther Tower with ACSR Panther Conductor to Exi. 66 KV Siyot S/S.	D/C	Anjar	Anjar	17.000	New	66KV
8	LILO line with ACSR Panther conductor from existing 66KV Varsamedhi-Chirai line on D/C Panther tower with ACSR Panther conductor to Prop. 66KV Modvadar S/S.	D/C	Anjar	Anjar	2.000	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
9	LILO line on D/C Panther tower with ACSR Panther conductor at Proposed 66KV Dhunai S/S from existing 66KV Nanikhakhar(220KV) –Dahisara H-frame Dog Line.	D/C	Anjar	Anjar	1.600	New	66KV
10	LILO line on D/C ACSR Panther Tower with ACSR Panther Conductor from existing 66KV Dhaneti-Mamuara H-frame/Tower Line on ACSR Dog conductor to Prop. 66KV Vadvara S/S.	D/C	Anjar	Anjar	14.000	New	66KV
11	D/C 66KV Hajipir SS to 66 kV Dhordo SS line on D/C panther tower with ACSR panther conductor	D/C	Anjar	Anjar	75.000	New	66KV
12	D/C 220 KV Hajipir SS to 66 kV Ravapar SS line on D/C panther tower with ACSR panther conductor	D/C	Anjar	Anjar	69.000	New	66KV
13	LILO line with ACSR Panther conductor from existing 66KV Loriya-Khavda line on D/C Panther tower with ACSR Panther conductor to Exi. 66KV Dhordo S/S	D/C	Anjar	Anjar	56.000	New	66KV
14	66KV D/C LILO Panther from 66KV S/C tower line on D/C Panther Tower from under construction 66KV Madhapar – Loriya with ACSR Panther Conductor line to Proposed 66KV Kunariya S/S	D/C	Anjar	Anjar	5.000	New	66KV
15	66kv S/C Gariyadhar - Virdi line partly on existing tower by carrying out conversion from ACSR Dog to ACSR Panther conductor having length of 2.72 Rkm and partly with 630 sq. mm (3+1) underground cable having a length of 1.5 Rkm under Kisan Suryoday Yojana Phase-II.	S/C	Amreli	Amreli	4.220	New	66KV
16	66kV S/C kharach-Sidodara partially on ACSR panther conductor having length 08.021RKM and partially with 630 Sqmm Under ground cable Having length 1.8RKM (Total length 9.821RKM) (Revised)	S/C	Bharuch	Bharuch	9.821	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
17	66 kV (3+1) 630 Sq.mm U/G Cable & hot line stringing of 2nd ckt line between 220KV Zagadia S/s to 66KV Dadheda S/s on DC Panther tower using ACSR Panther conductor under R&M Plan under construction Division Bharuch. (Total length – 4.19 kM).	S/C	Bharuch	Bharuch	4.190	New	66KV
18	66 KV S/C Ratavirda-II – M/S Varmora Granito line partly on D/C Panther tower with ACSR Dog Conductor & partly with 1 C x 630 Sq.mm (3+1) Al. Corrugated Sheathed XLPE power cable having total length - 1.018 Km (OH - 0.883KM + UGC - 0.135 KM)	S/C	Gondal	Rajkot	1.018	New	66KV
19	66KV S/C line from 66KV Rangpar II (GETCO) SS to switchyard of M/s Agilis Vitfrifried Pvt Ltd. line partly on D/C Panther tower with ACSR DOG Conductor & partly with 1C, 630sq.mm (3+1) XLPE power cable having total length – 2.38 Km (OH – 0.620 Km + UGC – 1.760 Km)	S/C	Gondal	Rajkot	2.380	New	66KV
20	66KV LILO line to Padadhari S/S from 2nd circuit of 66KV Hadala- Aji Dahisarda line partly with UGC and partly with D/C panther tower line and stringing of 2nd circuit of 66KV Hadala - Aji Dahisarda line by carrying out Hot line stringing Partly with UGC and partly with ACSR Panther Conductor (1)Total LILO Line Length = 7.500 Km (OH – 2.500 Km +UG- 5.000 Km (6+1)) (2) Total HOL Length = 19.500 Km (OH – 19.000 Km +UG- 0.500 Km (3+1))-	S/C & D/C	Gondal	Rajkot	34.500	New	66KV
21	66KV LILO to Ribda S/S from existing 66KV Siddheshwar - Road Pipaliya line partly on M/C and D/C tower with Panther Conductor and partly with UGC having total length - 1.950 Km (OH - 1.75+ UG - 0.200)	D/C	Gondal	Rajkot	3.900	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
22	66KV LILO at Mahika from 66kV Tramba - Kherdi (Dog) line Partly with Panther Conductor & Partly with 1 C X 630 sqmm (6+1) UGC Having total length - 4.50 Rkm(OH - 0.5 + UG - 4.0)	D/C	Gondal	Rajkot	9.000	New	66KV
23	66KV LILO at Mevasa SS from exist. 66kV Jetpur - Umrali (Dog) line Partly with Panther Conductor & Partly with 1 C X 630 sqmm (6+1) UGC Having total length - 11.00 Rkm(OH - 10.50 + UG - 0.500)	D/C	Gondal	Rajkot	22.000	New	66KV
24	Prop. Hot Line Stringing work on spare circuit of exist. 66kV Khambha-Lodhika D/C line Partly with Panther Conductor & Partly with 1 C X 630 sqmm (6+1) UGC Having total length - 12.500 Rkm	S/C	Gondal	Rajkot	13.000	New	66KV
25	66kV LILO to proposed 66kV Kundhela substation from existing 66kV Jambuva B – Dabhoi line on tower with ACSR Dog conductor having length 0.185RkM and partly with 630 sq.mm (3+1) underground cable having length of 0.340RkM (total length: 0.185 + 0.340 = 0.525RkM)	D/C	Jambuva	Jambuva	0.710	New	66KV
26	66kv S/C line, partly with 1CX630sq.mm (3+1) underground cable line of length 0.947kM and partly with ACSR Dog conductor on D/C Panther type tower having length 1.523kM (Total length O/H+U/G=2.470kM) from 66kv Karakhadi substation to switchyard of M/s. Sterling Biotech Ltd to cater 308kVA additional demand for M/s. Sterling Biotech Ltd at ECP road at Village Karakhadi, Ta. Padra, Dist. Vadodara.	S/C	Jambuva	Jambuva	2.470	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
27	33kV S/C line on 66kV D/C Panther tower with ACSR Dog Conductor having route length 1.68RkM for drawl of 4.00MW power supply for non-traction requirement for purpose of Rolling Stock (RS) workshop and railway Colony, 33kV voltage level at Western Railway for Dahod NTSS under Long Term Open Access	S/C	Jambuva	Jambuva	1.680	New	33KV
28	66kV S/C line from 66kV Nandesari-III S/s to M/s. Farmson Pharmaceutical Gujarat Pvt. Ltd line partly with 66kV, 1CX630sq.mm,(3+1) XLPE U/G cable with Aluminium Corrugated sheath having length of 3.060kM and partly with ACSR Panther Conductor on D/C Panther Tower having route length 0.11kM (Total route length : 0.110+3.060 = 3.17kM)	S/C	Jambuva	Jambuva	3.170	New	66KV
29	66kV S/C line from Proposed 400kV Khijadiya (Keshod) S/s to existing 66kV Amrapur S/s with LILO at existing 66kV Patrama S/s on D/C & M/C Towers with AL-59 conductor and partly by laying of 66kV, 2R X 1C, 630 sq.mm. UG cable, having length of 16.200 RKM.	S/C	Junagadh	Junagadh	16.200	New	66KV
30	66kV D/C line from Proposed 220KV Dhank S/s to Existing 66kV Dhank (WF) S/s, on Tower with AL-59 Conductor, having length of 2.950 RKM.	D/C	Junagadh	Junagadh	5.900	New	66KV
31	66kV S/C line from Propose 220kV Dhank S/s To Existing 66kV Murkhada S/s, on Tower/H-Frame with AL-59 Conductor, having length of 15.025 RKM.	S/C	Junagadh	Junagadh	15.025	New	66KV
32	66KV LILO from Existing 66kV Dhank (WF) - Sardargadh "H" Frame line to Existing 66kV Vadala S/s, on Tower/ H-Frame with ACSR Panther Conductor and partly by laying of 66kV, 630 Sq.mm	D/C	Junagadh	Junagadh	12.820	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	Underground Cable, having total length of 6.410 RKM.						
33	66kV D/C line from Propose 220kV Dhank S/s to Existing 66kV Paradava S/s, on Tower/H-Frame with AL-59 Conductor, having length of 12.600 RKM.	D/C	Junagadh	Junagadh	25.200	New	66KV
34	66kV S/C line From existing 66kV Vansjaliya S/s To Existing 66kV Khageshri S/s, on Tower/H-Frame with ACSR Panther Conductor and partly by laying of 66kV, 630 Sq.mm Underground Cable, having length of 13.500 RKM.	S/C	Junagadh	Junagadh	13.500	New	66KV
35	LILO of both circuits of new (WIP) 66kV Timbadi (220kV) - HP LNG Ltd. line at Existing 66kV Kanjotar S/s on M/C & D/C Tower with ACSR Panther Conductor, having length of 1.52 RKM.	M/C	Junagadh	Junagadh	6.080	New	66KV
36	66kV S/C Devpura - Dunawada line on D/C tower with ACSR Panther conductor having OH line length of 5.48 Rkm & partly on UG line length 0.080Rkm having total length is 5.56 Rkm	S/C	Mehsana	Mehsana	5.560	NEW KSY-II line	66KV
37	66kV S/C Veloda – Devpura line on D/C tower with AL-59 equivalent to ACSR Panther conductor having length is 12.66 Rkm	S/C	Mehsana	Mehsana	12.660	NEW KSY-II line	66KV
38	Erection and laying of 66kV S/C Dholi - Raipur line with ACSR Panther conductor on Panther tower having length 6.229 Rkm under R&M scheme. (Total Route Length- 6.229 KM)	S/C	Nadiad	Nadiad	6.229	New	66KV
39	Erection and laying of 66kV S/C line from 220KV Kanbha SS to 66KV Singarva SS line partly on multi circuit tower with ACSR Panther conductor (equivalent to AL-59) having length 1.313 Rkm and partly with 1600 sq.mm. (3+1) under ground cable, having length 2.775 Rkm under ND scheme. (Total	S/C	Nadiad	Nadiad	4.088	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	Route Length-1.313 KM (OH) + 2.775 KM (UG) = 4.088 RKM)						
40	Erection and laying of 66kV S/C line from 220KV Kanbha SS to 66KV Bhuvaldi SS line partly on double circuit tower with ACSR Panther conductor (equivalent to AL-59) having length 3.896 RkM and partly with 1600 sq.mm. (3+1) under ground cable, having length 0.550 RkM under ND scheme. (Total Route Length-3.896 KM (OH) + 0.550 KM (UG) = 4.446 RKM)	S/C	Nadiad	Nadiad	4.446	New	66KV
41	66kV D/C LILO to Proposed 66kV Ambheti (TASP) S/S from exist. 66kV Kocharava-Kakadkopar (Motapondha) line under RDSS work.	D/C	Navsari	Navsari	4.000	New	66KV
42	66kV LILO to 66kV Anandpur SS on D/C Panther Tower with ACSR Panther Conductor from Existing S/C 66kV Ukai Hydro-Uchhal line ACSR Dog conductor line (from LILO point between Loc no.83-84)	D/C	Navsari	Navsari	0.300	New	66KV
43	66kV LILO to 66kV Zankhari SS on D/C Panther Tower with ACSR Panther Conductor and partly UG cable line from Existing 66kV D/C Galkuva-Kapadvan line no.1 (LILO point at loc no. 20)-Having length of line 5.64 km(OH+UG).	D/C	Navsari	Navsari	11.280	New	66KV
44	66kV Uchhal SS to 66kV Naranpura SS for Vadpada Nesu pumping station-4 of EHV consumer M/S Narmada Water Resources Water Supply & Kalpasar department, GOG, Ukai division on panther tower with Panther conductor S/C line and partly UGC.	S/C	Navsari	Navsari	15.500	New	66KV
45	66kV D/C LILO of 66kV Kadod- Mandvi line From LILO point Between loc. No. 41-42 at proposed 66kV Tarsadabar SS through D/C	D/C	Navsari	Navsari	4.220	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	Panther tower line with ACSR Panther conductor						
46	Dog to Panther conversion work of 66kV Navsari - Gandevi - Bilmora line and 66kV Navsari - Gadat - Bilmora line (Length-21.50 Kms) Approved under RDSS Scheme.	D/C	Navsari	Navsari	43.000	New	66KV
47	66kV D/C LILO of 66kV Gadat-Bilmora Line (From Loc.no.54) at 66kV Gandevi SS in existing corridor on M/C Panther tower with ACSR Panther conductor and (3+1)x1, 66kV UG Cable line(Total 0.80Km) Approved under KSY Scheme.	Partia l Portio n on M/C	Navsari	Navsari	1.450	New	66KV
48	66kV Lilo Pinjrat from 66kV Mora -Siddhivinayk PDC line ckt no-1 & 2 diverted to proposed 66kV Pinjarat substation between loc no.19(PP+0) to 20(PP+0) on D/C Panther tower .	D/C	Navsari	Navsari	5.920	New	66KV
49	Dog to Panther conversion work of 66kV Anaval-Vehval -Dollvan tower line	D/C	Navsari	Navsari	28.000	New	Navsari
50	66 kV LILO at Vadod Substation from prop. 66kV Talangpur-Pandesara -B line no.3	D/C	Navsari	Navsari	22.706	New	Navsari

Abbreviation						
D/C	Double Circuit					
S/C	Single Circuit					
M/C	Multi Circuit					
UG Cable	Under Ground Cable					
WIP	Work in progress					
O/H	Over head					

By order and in the name of the Governor of Gujarat,

SHEETAL NAYAK,
Section Officer.

